

IDA
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[0016][0017] In principle, the locking device can function with one single locking ring 11 which in the inner position interacts with the inner locking groove 12, and in the outer locking position interacts with the outer locking groove 16. In order to further raise the safety, the locking device in the example shown is provided with a second, or outer locking ring 30 that is arranged on the male part 2 axially outside of the first locking ring 11 at a distance from it which is smaller than the axial distance between the locking grooves 12, 16; that is, it is in a completely coupled state positioned axially between the locking grooves 12, 16. In an incompletely locked position, for example when the male part 2 has not been inserted so that the locking ring 11 grips into the locking groove 12, the outer locking groove 16 ~~30~~ will catch the outer locking ring 30 so that it is in locking contact with the outer locking groove 16. Additional safety is also obtained if one of the locking rings 11, 30 should malfunction.